

Tilled to Perfection!

The Complete Range of Rotary Tillers

★ Award Winner - Amongst the Largest Exporter of Agricultural Machinery & Parts from India

★ In-House Blades Manufacturing Facilities

★ In-House Gearbox Manufacturing Facilities

★ World Class Powder Coating Plant

ABOUT NIPHA

NIPHA, founded in 1960, is a well-established engineering group catering to farm machinery, railways, power switching, jute & cotton processing industries. Standing by its philosophy 'QUALITY THAT'S WORLD CLASS', NIPHA has been accredited as a premier Manufacturing Export House and has also received various National Awards for excellence in export performance since 1975. Today NIPHA is amongst the largest exporter of tillage tools, wear-parts & farm machinery from India.

NIPHA Farm Solutions was born with a vision to be amongst the best companies in the world for providing affordable, world-class mechanized farming solutions to small and marginal farmers with fragmented land holdings. Today, NIPHA Farm Solutions' business is growing rapidly with its in-house end-to-end manufacturing facilities and customer-centric approach. The new greenfield project for Farm Solutions was set up in Chandannagar near Kolkata, India and this plant is catering to the needs of farmers and dealers not only Pan-India but also in the select markets of South East Asia, SAARC, Europe, United States & Africa.

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 FUEL EFFICIENT

 NOMINAL MAINTENANCE

 BEST SOIL PREPARATION

OUR STRENGTHS



Genuine Spare Parts



In House Gear Box & Blade Manufacturing



After Sales Service



COMPACT SINGLE SPEED GEAR BOX
ATOM



ATOM TECHNICAL SPECIFICATIONS

MODEL	ROTOR RPM	TRACTOR HP	TOTAL WIDTH		TILLAGE WIDTH		WEIGHT KG	L BLADE NOS	C BLADE NOS	J BLADE NOS
			CM	INCH	CM	INCH				
ATOM SERIES 3FT	215	12-22	102	40.5	90	35.5	170	16	24	36
ATOM SERIES 3.5FT	215	15-25	120	47.5	107	42	180	20	30	42
ATOM SERIES 4FT	215	25-35	139	55	125	49.3	205	24	36	48

FEATURES: SMALL AND STURDY DESIGN GEAR DRIVE

COMPACT SINGLE SPEED GEAR BOX
FIGHTER

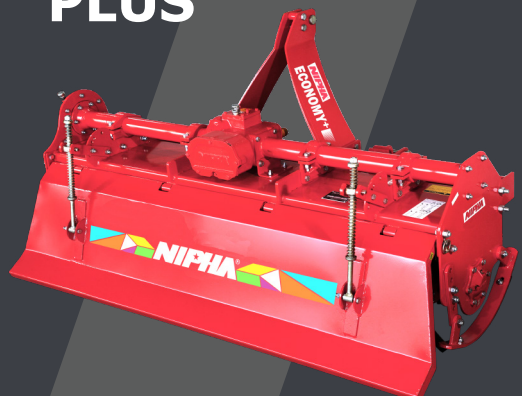


FIGHTER- TECHNICAL SPECIFICATION

MODEL	ROTOR RPM	TRACTOR HP	TOTAL WIDTH		WORKING WIDTH		WEIGHT KG	C BLADE NOS	J BLADE NOS
			CM	INCH	CM	INCH			
FREIGHTER 160	238	30+	178	70	160	63	291	48	66
FREIGHTER 180	238	35+	198	78	180	71	310	54	72

FEATURES: SMALL AND STURDY DESIGN GEAR DRIVE

SMART AND EFFICIENT
ECONOMY PLUS



ECONOMY PLUS TECHNICAL SPECIFICATIONS

MODEL	CHANGE GEAR (J/C NEW)	ROTOR RPM	TRACTOR HP	TOTAL WIDTH		WORKING WIDTH		WEIGHT KG	L BLADE NOS	C BLADE NOS	J BLADE NOS
				CM	INCH	CM	INCH				
ECONOMY 5FT	19-17	224	35+	175	69	160	63	369	36	48	60
ECONOMY 5.5FT	19-17	224	40+	196	77	179	70	384	39	48	66
ECONOMY 6FT	19-17	224	45+	204	80	188	74	402	42	54	72
ECONOMY 6.5FT	19-17	224	50+	212	83	196	77	423	48	60	78
ECONOMY 7FT	19-17	224	55+	225	88	210	83	430	48	66	78

FEATURES

- LIGHT WEIGHT
- LIGHT DUTY STRUCTURE

GEAR RATIO & RPM CALCULATION

PTO INPUT SPEED 540 RPM				PTO INPUT SPEED 1000 RPM			
Gear Pair	Rotor Shaft RPM	Gear Pair	Rotor Shaft RPM				
17 - 19	180	17 - 19	224				
19 - 17	224	20 - 16	251				
20 - 16	251	14 - 22	236				
21 - 15	281	13 - 23	210				

HIGH QUALITY FACE SEAL
PREMIUM PLUS



PREMIUM PLUS TECHNICAL SPECIFICATION

MODEL	CHANGE GEAR (J/C NEW)	ROTOR RPM	TRACTOR HP	TOTAL WIDTH		WORKING WIDTH		WEIGHT KG	L BLADE NOS	L/C BLADE NOS	J BLADE NOS
				CM	INCH	CM	INCH				
PREMIUM PLUS 5FT	19 - 17	224	40+	175	69	160	63	391	36	48	60
PREMIUM PLUS 5.5FT	19 - 17	224	45+	196	77	179	70	408	39	48	66
PREMIUM PLUS 6FT	19 - 17	224	50+	204	80	188	74	427	42	54	72
PREMIUM PLUS 6.5FT	19 - 17	224	55+	212	83	196	77	450	48	60	78
PREMIUM PLUS 7FT	19 - 17	224	60+	225	88	210	83	458	48	66	78
PREMIUM PLUS 8 FT	19 - 17	224	65+	249	98	234	92	490	60	72	90

FEATURES

- LOW MAINTENANCE
- MODERN DESIGN FACE SEAL

GEAR RATIO & RPM CALCULATION

PTO INPUT SPEED 540 RPM			PTO INPUT SPEED 1000 RPM		
Gear Pair	Rotor Shaft RPM	Gear Pair	Rotor Shaft RPM		
17 - 19	180	14 - 22	236		
19 - 17	224	13 - 23	210		
20 - 16	251				
21 - 15	281				

HEAVY DUTY GEAR BOX
SUPREME PLUS



SUPREME PLUS TECHNICAL SPECIFICATION

MODEL	CHANGE GEAR (J/C NEW)	ROTOR RPM	TRACTOR HP	TOTAL WIDTH		WORKING WIDTH		WEIGHT KG	L BLADE NOS	L/C BLADE NOS
				CM	INCH	CM	INCH			
SUPREME PLUS 5 FT	17 - 18	231	40+	175	69	160	63	426	36	48
SUPREME PLUS 5.5 FT	17 - 18	231	45+	196	77	179	70	446	39	48
SUPREME PLUS 6 FT	17 - 18	231	50+	204	80	188	74	468	42	54
SUPREME PLUS 6.5 FT	17 - 18	231	55+	212	83	196	77	494	48	60
SUPREME PLUS 7 FT	17 - 18	231	60+	225	88	210	83	504	48	66
SUPREME PLUS 8 FT	17 - 18	231	65+	249	98	234	92	542	60	72

FEATURES

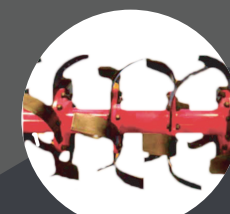
- HEAVY DUTY GEAR BOX
- HEAVY DUTY STRUCTURE

GEAR RATIO & RPM CALCULATION

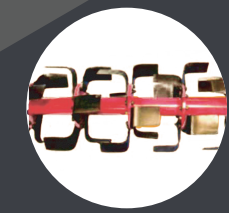
PTO INPUT SPEED 540 RPM			PTO INPUT SPEED 1000 RPM		
Gear Pair	Rotor Shaft RPM	Gear Pair	Rotor Shaft RPM		
17 - 18	200	14 - 21	261		
18 - 17	224	13 - 22	231		
19 - 16	251				
16 - 19	178				



'J' Type Blade



'C' Type Blade



'L' Type Blade



Pocket Type Blade

Features & Advantages

- Inhouse Gear Box Manufacturing
- Full Length Gear Box Support
- Water Proof Duo Cone Face Seal (specific model)
- Inhouse Blade Manufacturing (made from Boron Steel)
- Multi Speed Gear Box (4 speeds - specific model)